

DAC1-13VGS

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



DAC1-13VG-10

DAC1-13VG SERIES

- VG Technology
- In: 20 kA
- limp: 12.5 kA
- No leakage current
- Pluggable module for each phase
- Remote signaling (option)
- Optimized to TOV
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.4 compliance



Characteristics

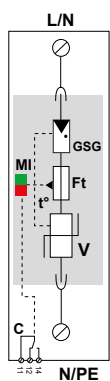
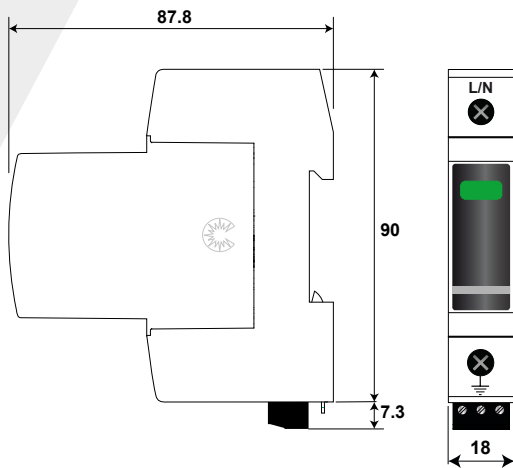
CITEL Model		DAC1-13VG-10-320	DAC1-13VG-10-275	DAC1-13VG-10-150
Description		Type 1+2+3 AC surge protector - 1-pole - pluggable		
Max. AC operating voltage	Uc	320 Vac	275 Vac	150 Vac
Temporary Over Voltage (TOV) characteristic - 5 sec.	UT	335 Vac withstand	335 Vac withstand	180 Vac withstand
Temporary Over Voltage (TOV) characteristic - 120 mn	UT	440 Vac withstand	440 Vac withstand	230 Vac withstand
Residual current - Leakage current at Uc	Ipe	None	None	None
Follow current	If	None	None	None
Nominal discharge current 15 x 8/20 μs impulses	In	20 kA	20 kA	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	50 kA	50 kA	50 kA
Impulse current by pole max. withstand 10/350 μs	limp	12.5 kA	12.5 kA	12.5 kA
Specific energy by pole	W/R	40 kJ/ohm	40 kJ/ohm	40 kJ/ohm
Withstand on Combination waveform Class III test	Uoc	6 kV	6 kV	6 kV
Protection level @ In (8/20 μs) and 6 kV (1.2/50 μs)	Up	1.5 kV	1.5 kV	1.5 kV
Residual Voltage @ 5 kA (8/20 μs)	Up-5kA	0.9 kV	0.7 kV	0.4 kV
Admissible short-circuit current	I _{sc}	50 000 A	50 000 A	50 000 A

Associated disconnectors	
Thermal disconnector	Internal
Fuses	125 A min. - 315 A max. - gG type / or CITEL SFD-13
Existing upstream ground fault breaker (if any)	Type «S» or delayed

Mechanical characteristics	
Dimensions	see diagram - 1TE (DIN43880)
Connection to Network	By screw terminals: 2.5-25 mm ² (35mm ² rigid)
Failsafe Mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator Green/Red
Remote signaling of disconnection output on changeover contact	option DAC1-13VGS-10-320 option DAC1-13VGS-10-275 option DAC1-13VGS-10-150
Max. voltage/current for remote signaling	250 V/0.5 A (AC) / 30 V/3 A (DC)
Wiring for remote signaling	1.5 mm ² max.
Mounting	Symmetrical rail 35 mm (EN60715)
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Thermoplastic UL94 V-0
Spare unit	MDAC1-13VG-320 MDAC1-13VG-275 MDAC1-13VG-150

Standards	
Certification	KEMA /EAC
Compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4

Part number	
	821730311 821730211 821730111



V: High energy varistor
 GSG: Specific gas Tube
 MI: Disconnection indicator
 Ft: Thermal fuse
 t°: Thermal disconnection system
 C: Contact for remote signal

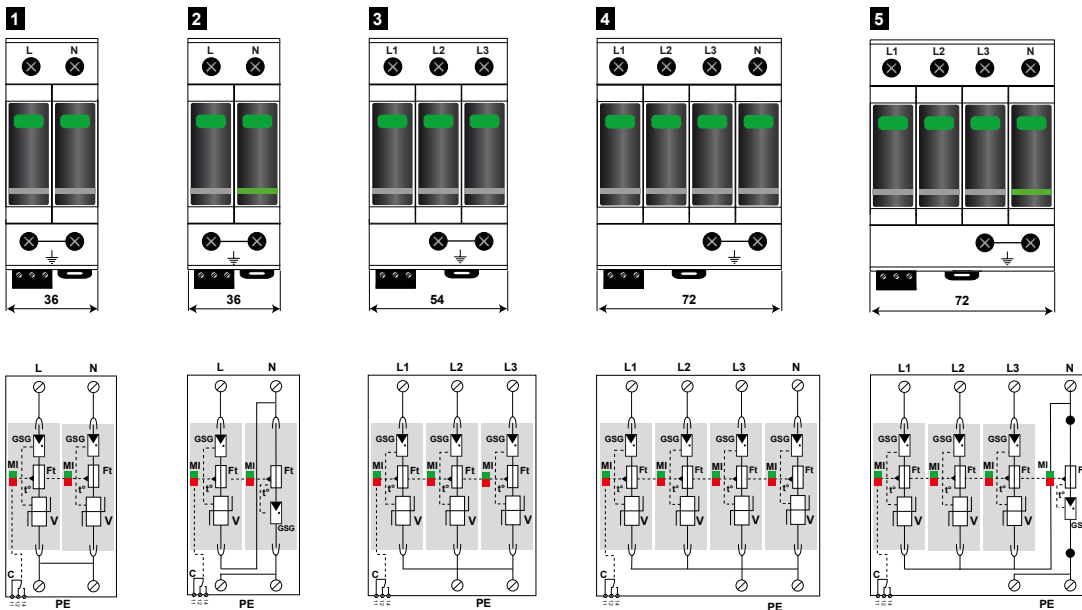
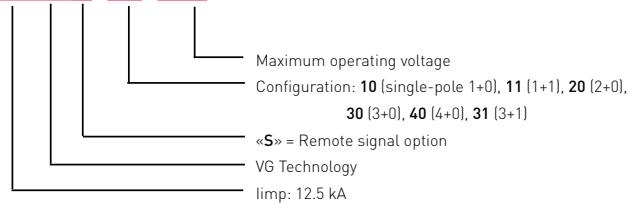
TYPE 1 + 2 + 3 AC MULTIPOLAR SURGE PROTECTOR

DAC1-13VG-11, DAC1-13VG-20, DAC1-13VG-30, DAC1-13VG-31, DAC1-13VG-40



DAC1-13VG-31

DAC1-13VGS-xx-xxx



V: High energy varistor
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Model	P/N	Network	AC system	Protection Mode	I _{total}	U _p L/PE	U _p L/N	U _p N/PE	Dimension DIN43880	Diagram
DAC1-13VG-31-320	821730334	230/400 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	50 kA	-	1.5 kV	1.5 kV	4 TE	5
DAC1-13VG-31-275	821730234	230/400 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	50 kA	-	1.5 kV	1.5 kV	4 TE	
DAC1-13VG-31-150	821730134	120/208 V 3-Phase+N	TT-TNS System (3+1)	L/N and N/PE	50 kA	-	1.5 kV	1.5 kV	4 TE	
DAC1-13VG-40-320	821730314	230/400 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	50 kA	1.5 kV	-	1.5 kV	4 TE	4
DAC1-13VG-40-275	871730214	230/400 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	50 kA	1.5 kV	-	1.5 kV	4 TE	
DAC1-13VG-40-150	821730114	120/208 V 3-Phase+N	TNS System (4+0)	L/PE and N/PE	50 kA	1.5 kV	-	1.5 kV	4 TE	3
DAC1-13VG-30-320	821730313	230/400 V 3-Phase	TNC System (3+0)	L/PE	37.5 kA	1.5 kV	-	-	3 TE	
DAC1-13VG-30-275	821730213	230/400 V 3-Phase	TNC System (3+0)	L/PE	37.5 kA	1.5 kV	-	-	3 TE	
DAC1-13VG-30-150	821730113	120/208 V 3-Phase	TNC System (3+0)	L/PE	37.5 kA	1.5 kV	-	-	3 TE	2
DAC1-13VG-11-320	821730332	230 V single phase	TT-TN System (1+1)	L/N and N/PE	25 kA	-	1.5 kV	1.5 kV	2 TE	
DAC1-13VG-11-275	821730232	230 V single phase	TT-TN System (1+1)	L/N and N/PE	25 kA	-	1.5 kV	1.5 kV	2 TE	
DAC1-13VG-11-150	821730132	120 V single phase	TT-TN System (1+1)	L/N and N/PE	25 kA	-	1.5 kV	1.5 kV	2 TE	1
DAC1-13VG-20-320	821730312	230 V single phase	TN System (2+0)	L/PE and N/PE	25 kA	1.5 kV	-	1.5 kV	2 TE	
DAC1-13VG-20-275	821730212	230 V single phase	TN System (2+0)	L/PE and N/PE	25 kA	1.5 kV	-	1.5 kV	2 TE	
DAC1-13VG-20-150	821730112	120 V single phase	TN System (2+0)	L/PE and N/PE	25 kA	1.5 kV	-	1.5 kV	2 TE	

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